



FAA-E-2013b
AMENDMENT-2
AUG 11 1980
SUPERSEDING
Amend. 1, 3/6/80

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION SPECIFICATION

CABLE, ELECTRICAL POWER, EXTERIOR, 600 TO 15,000 VOLTS

This amendment forms a part of FAA-E-2013b dated November 17, 1978.

- * Page 1, paragraph 1.2: Delete the description for classification ID and add the following: *

"Type ID - Single conductor cable, cross-linked polyethylene insulated, shielded, and polyvinyl chloride jacketed, for direct earth burial."

Page 2, paragraph 2.2: Add the following:

"D-1047 Polyvinyl Chloride Jacket Compound for Electrical
Insulated Wire and Cable".

Page 2, paragraph 2.5: Delete the first line and add the following:
"Requirements for Type MC Metal-Clad Cable".

- * Page 3, paragraph 3.3.2.2 - Insert the following words in front of the second sentence: "Nonjacketed" *

Page 4, paragraph 3.3.3: Delete the fourth and fifth lines and substitute the following therefor:

"Three conductor cables - black, white, green
Four conductor cables - black, white, red, green".

Page 4, paragraph 3.3.6.1: Delete the first sentence and substitute the following therefor:

"Single conductor cables (Type ID) and multiconductor nonarmored cables (Type IC) shall be jacketed with carbon black pigmented polyvinyl chloride conforming to ASTM D-1047".

Page 5, paragraph 3.3.8.6: Delete and add the following:

- * "3.3.8.6 Type II Cable (600V).- Type II Cable, 600 Volt insulated, shall be marked 600V, Type MC, RHH or RHW, manufacturer's name or trademark, and number and size of conductors. Two conductor cables shall not be marked Type MC. The above marking shall be in accordance with UL requirements, and shall be on the individual conductors, on the jacket, or on the marker tape, as appropriate". *

Page 5, paragraph 3.3.8.7: Delete and add the following:

- * "3.3.8.7 Type II Cable (above 2000V).- Type II cable with insulation greater than 2000 volts shall be marked with the voltage rating, SHIELDED or UNSHIELDED, as applicable, Type MV90, manufacturer's name or trademark, number and size of conductors. The above marking shall be in accordance with UL requirements, and shall be on the individual conductors, on the jacket, or on the marker tape, as appropriate." *

Page 6, paragraph 4.2.2: Delete and add the following:

"4.2.2 Type II (600V).- Testing shall be done in accordance with the UL Requirements for Type MC Metal-Clad Cable, except for two conductor cables which shall be tested only in accordance with IPCEA S-66-524".

- * Page 7, paragraph 5.1.2: Delete the first sentence and substitute the following therefore:

"Reels shall be new and shall comply with NEMA WC-21, Wood Reels." *

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